```
      FILE 'CAPLUS' ENTERED AT 11:26:34 ON 27 JAN 2009
                E ANTIBODIES+ALL/CT
                E E2+ALL
L1       327425 SEA ABB=ON  PLU=ON  "ANTIBODIES AND IMMUNOGLOBULINS"+OLD/CT
                E SIMULATION AND MODELING+ALL/CT
L2       518042 SEA ABB=ON  PLU=ON  "SIMULATION AND MODELING"+OLD/CT
                E COMPUTER PROGRAM+ALL/CT
L3        80589 SEA ABB=ON  PLU=ON  "COMPUTER PROGRAM"+OLD,PFT/CT
                E INFORMATION SYSTEMS+ALL/CT
L4        27702 SEA ABB=ON  PLU=ON  "INFORMATION SYSTEMS"+OLD/CT
                E COMPUTERS+ALL/CT
L5        15292 SEA ABB=ON  PLU=ON  COMPUTERS+OLD/CT
L6         3034 SEA ABB=ON  PLU=ON  L1 AND ((L2 OR L3 OR L4 OR L5))
                E MUTAGENESIS+ALL/CT
L7        20228 SEA ABB=ON  PLU=ON  MUTAGENESIS+PFT/CT
                E POLYMORPHISM+ALL/CT
                E VARIANT+ALL/CT
L8         2808 SEA ABB=ON  PLU=ON  L1 AND (L2 OR L3 OR L4)
L9          125 SEA ABB=ON  PLU=ON  L8 AND L5
L10           4 SEA ABB=ON  PLU=ON  L9 AND L7
L11       37841 SEA ABB=ON  PLU=ON  L1(L)(PREP OR BPN OR SPN)/RL
L12         373 SEA ABB=ON  PLU=ON  L11 AND ((L2 OR L3 OR L4 OR L5))
L13          84 SEA ABB=ON  PLU=ON  L12 AND L7
L14          84 SEA ABB=ON  PLU=ON  L13 AND (BSU OR BIOL)/RL
L15          21 SEA ABB=ON  PLU=ON  L14 AND DGN/RL
L16        2694 SEA ABB=ON  PLU=ON  ANTIBOD?(L)COMPUTER?
L17         251 SEA ABB=ON  PLU=ON  L16(L)(VARIANT OR MUTAGEN? OR MUTANT
                OR MUTAT?)
L18          17 SEA ABB=ON  PLU=ON  L17(L)(PLURAL? OR MULTIPL?)
L19          40 SEA ABB=ON  PLU=ON  L10 OR L15 OR L18

      FILE 'MEDLINE, BIOSIS, EMBASE, WPIX, JAPIO, PASCAL, DISSABS,
      COMPENDEX, COMPUAB, COMPUSCIENCE, SCISEARCH, TEMA' ENTERED AT
      11:51:25 ON 27 JAN 2009
L20           0 SEA ABB=ON  PLU=ON  L10
L21           0 SEA ABB=ON  PLU=ON  (L1 AND ((L2 OR L3 OR L4 OR L5))) AND
                L7
L22         371 SEA ABB=ON  PLU=ON  L18
L23         317 SEA ABB=ON  PLU=ON  L22(L)(SEQUENC?(S)(CDNA OR DNA OR
                DEOXYRIBONUCLEIC OR DEOXY RIBONUCLEIC OR NUCLEIC OR AMINO
                OR PEPTIDE OR PROTEIN OR POLYPROTEIN OR POLYPEPTIDE))
L24         289 SEA ABB=ON  PLU=ON  L23(L)(CONSTRUCT? OR PREP? OR PRODUCTIO
                N OR PRODUCING OR PRODUCE# OR GENERAT?)
L25          75 SEA ABB=ON  PLU=ON  L24(L) POSITION?
L26          70 SEA ABB=ON  PLU=ON  L25(L)(THERAP? OR TREAT?)
L27          35 SEA ABB=ON  PLU=ON  L26(L) SUBSTIT?
L28          35 DUP REM L27 (0 DUPLICATES REMOVED)

      FILE 'CAPLUS' ENTERED AT 12:07:19 ON 27 JAN 2009
                D QUE L10
                D QUE L15
                D QUE L18
                D L19 1-40

      FILE 'MEDLINE, BIOSIS, EMBASE, WPIX, JAPIO, PASCAL, DISSABS,
      COMPENDEX, COMPUAB, COMPUSCIENCE, SCISEARCH, TEMA' ENTERED AT
      12:07:27 ON 27 JAN 2009
                D QUE L20
                D QUE L21
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                D QUE L28
                D L28 1-35 IBIB ABS

        FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE, WPIX, JAPIO, PASCAL, DISSABS,
        COMPENDEX, COMPUAB, COMPUSCIENCE, SCISEARCH, TEMA' ENTERED AT
        12:08:31 ON 27 JAN 2009
L29          816 SEA ABB=ON  PLU=ON  "GUSTAFSSON C"?/AU
L30         1649 SEA ABB=ON  PLU=ON  "GOVINDARAJAN S"?/AU
L31          362 SEA ABB=ON  PLU=ON  "MINSHULL J"?/AU
L32           71 SEA ABB=ON  PLU=ON  L29 AND L30 AND L31
L33          119 SEA ABB=ON  PLU=ON  L29 AND (L30 OR L31)
L34           99 SEA ABB=ON  PLU=ON  L30 AND L31
L35            9 SEA ABB=ON  PLU=ON  ((L29 OR L30 OR L31 OR L32 OR L33 OR
                                     L34)) AND L17
L36            1 SEA ABB=ON  PLU=ON  ((L29 OR L30 OR L31 OR L32 OR L33 OR
                                     L34)) AND L9
L37            9 SEA ABB=ON  PLU=ON  L35 OR L36
L38            8 DUP REM L37 (1 DUPLICATE REMOVED)
                D 1-8 IBIB ABS
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